

Electromedical Notes and Abstracts

GENERAL ELECTRIC X-RAY CORPORATION

Miss V. Wilson,
Stenographic Bureau.

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INDICATIONS FOR GALVANISM

Conditions

Abstract

Bibliography

ARTHRITIS

"With mecholyl iontophoresis, 67 per cent of the arthritics show good results, 25 per cent fair, and 8 per cent poor.

"Mecholyl iontophoresis has been discussed not with the belief that it is a cure for arthritis, but that it is of distinct service as an adjunct in treatment, especially in the chronic case."

EAR

"Ionization is the method of treatment which should be tried in chronic discharging ears before more radical procedures are attempted, unless there is definite reason for the radical procedures. Eight out of ten of the chronic ears will become dry after treatment and remain dry indefinitely in most cases."

FUNGOUS INFECTIONS

"Treatment was given to thirty-seven patients. The diagnosis of dermatophytosis was made clinically. Twenty of the patients had shown clinical signs of infection for more than a year and one for twenty-five years. The majority of the infections were severe and of long standing.

"The number of treatments necessary to attain a cure varied from four given over a period of two weeks to eighteen given over a period of eight weeks. The average number of treatments was slightly more than six. Of the twenty-six patients discharged as cured, three have finished treatment so recently that follow-up has not been noted, but the other twenty-three have been followed for periods varying from three to six months."

HYPERTRICHOSIS

"Electrolysis is very useful for the treatment of certain conditions. In fact, it is the only method for permanent and safe removal of unwanted hairs on various parts of the body."

The Treatment of Arthritis with Mecholyl Iontophoresis - George H. Mathae, M.D. St. Louis, J. Missouri M.A. 33:303-317, Aug. 1936.

The Value of Ionization in Nose, Throat and Ear Conditions - Philip S. Stout, M.D., F.A.C.S., Associate Professor of Otolaryngology, Graduate School of Medicine, University of Pennsylvania, Philadelphia, Pa. In The Medical World, 56:1:36., Jan., 1938.

Fungous Infections of the Hands and Feet Treated by Iontophoresis of Copper - Haggard, Strauss and Greenberg, J.A.M.A. April 1, 1939.

Electrolysis - Anthony C. Cipollaro, M.D., New York, In the Journal of A.M.A. III:27: 2489. December, 1938.

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ConditionsNASAL IONIZATION

"Nasal ionization offers more hope for a permanent cure or prolonged relief than any other procedure in vasomotor rhinitis and hay fever-asthma."

Abstract

"It is safe, comparatively simple, and free from subsequent functional ill effects if used with reasonable caution."

"Ionization gives better results than other methods of treatment during active hay fever stages."

Bibliography

Ionization for Nasal Allergy - Stanley J. Joyce, M.D., Detroit, Mich. in J. Michigan State M.S., 35:7:447, July, 1936.

SCAR TISSUE

"Beneath a pad soaked with common salt solution, the galvanic current liberates chlorine ions and forms sodium hydroxide. The latter, being mildly caustic, softens and often entirely dissolves light superficial scars; it also helps in loosening dense and heavy scars and makes them more amenable to subsequent mechanical stretching by massage."

Electrotherapy and Light Therapy - Richard Kovacs

THROMBOPHLEBITIS

"Acetyl-beta-methyl choline chloride iontophoresis has been used in the treatment of 33 cases of thrombophlebitis."

"Thirty-one patients were definitely improved and were able to get about with ease and without the aid of any supporting bandages whatever. Of 488 treatments given, not one untoward reaction was noticed. Cases with lymphedema cleared up remarkably in a comparatively short time after years of progressive discomfort. Associated varicose ulcers healed readily."

VARICOSE ULCERS

"Fifty-four cases of chronic ulcer have been treated by this method. Of these there are 11 cases still under treatment. Of the 43 completed cases, only two did not show satisfactory results."

Treatment of Thrombophlebitis with Mecholyl Iontophoresis Hugh L. Murphy, M.D., Brooklyn, N.Y., Surgery Gynecology and Obstetrics, 65:1:100 -104 July, 1937.

Iontophoresis of Varicose Ulcers - Joseph Kovacs, M.D., Instructor in Medicine, New York Post-Graduate Medical School and Hospital of Columbia University, New York. In Arch. Phys. Therapy, XVIII:2:103, February, 1937.